Work	Order ID	102313
	12 2 20 46 D14	

\*102313\*

Page 1

May-27-13 2:29:46 PM Accept \*N900040100\* D3849-043 Setup Start Item ID: .... **Revision ID:** Aft Wearplate Assembly, STD Gear Item Name: Start Date: Start Qty: 8.00 5/28/13 **Cust Item ID:** Rea'd Qty: 8.00 Required Date: 6/03/13 **Customer:** Reference: Start Run Process Plan: MLJ Date: 13-05-27 Tooling: Date: Approvals: Stop Date: SPC (Y/N): Date: QC: Tool # Plan Reject Sequence ID/ Operation Set Up/ Tool ID Accept Reject Insp. Work Center ID Description **Run Hours** Code Qty **Qty** Number Stamp Draw Nbr **Revision Nbr** D3849 0.00 201 13.11.06 0.00 Large Fab Memo 1- On D3901-1 bar, fill cut outs with hardcoat welding rod as per dwg D3849 arge Fab 2059 B Hardcoat Welding Rod BATCH#: m/27/12 J 20596 2- Weld D3901-1 bar to wearplate as per dwg D3849 304 S.S. Welding Rod BATCH #: m / 26048 3- Transfer drill holes as per dwg 4- Cut excess bar material if necessary DAS OC9- Inspect visual per OSI004- Fusion Welds 0.00 0.00 Memo . Quality Control

NCR: Yes / No WORK ORDER NON-CONFORMANCE / UPDATE														
										QA Closed:	Date:			
Work Orde	r:	<del></del>	•		DISPOSITION	DISPOSITION AGAINST DE					EPARTMENT/PROCESS			
Part N	o				Rework Scrap		Skid-tube Crosstube Machining Small Fab			-	Water Jet d. Eng. Coor.	Engineering Quality		
NCR No.					Use-as-is Work Order Update	]	Thermoforming Finishing Large Fab Composite			Rec/Sto	re/Packaging Supplier	Other		
Root Desc				iption of work order update	lı	nitial	Act	tion	Sign &					
Cause	Date	Step	Qty		or Non-conformance	Chi	ief Eng	Desci	ription	Date	Verification	QC Inspector		
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Landin	g Gear			_	General				Г	_	_	1		
	Bendin	_			Bend	$\vdash$	Grain		1_	Ovalized	<u></u>	Pressure/Forced		
	<b>⊣</b>	Not Conce	ntric to	o/s	BOM/Route	-	Hardwa		_	Over/Under		Temperature/Cure		
•	Cracks				Broken/Damaged	-		on incomplete	L	Part Incorred	<b>}</b>	Weld		
,		d/Crimped			Burrs			ions Incomplete/I	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs			ļ	Contamination	-	Mainte		<u> </u>	Part Moved				
.	Heat T			<u> </u> _	Countersink	Ш	Mislabe	led	L	Positioned V		,		
]		ion Strip in	Tube		Cut Too Short	$\vdash$	Misread	l	Ĺ	Power Loss/	Surge	Other		
]	<b>⊣</b> ``	in Bend			Drill Holes		Offset							
ļ	_	Waves in		n L	Drawing	Ш	Out of 0	Calibration						
	Turnin	g Sequence	?		Finish	Out of Sequence								
	Wave/Twist in Tube				Folio		Outside	Dimensions						

DQA:

Date:

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

May-27-13 2:29:46 PM

Item ID: Revision ID: Item Name:	D3849-043 Aft Wearplate	e Assembly, STD Gear		Accept ·	*N90	<b>0040</b>	100	Setup	Start Stop	171.	S1* S2*	
Start Date: Required Date: Reference:	5/28/13 : 6/03/13	Start Qty: 8.00 Req'd Qty: 8.00	*8* *8*		Cust Ite						ı u	
Approvals:		an:		_		Date:			Run	Start Stop	1/1	R1* R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool I	D Tool#	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
130 *130* QC Quality Control		QC5- Inspect part compl Memo	leteness to step on W/O	0.00					<u></u>	_B-	11-0)	DAS 9 9-89
<sup>140</sup> <b>*1∆∩*</b>				0.00				. 8		ø		AS 13-11-8
Small Fab Small Fab			ayer of rockguard as per d	0.00 wg				•			,	13-11-8
*150 *150*		QC5- Inspect part comp	leteness to step on W/O	0.00				8				05/13-11-
QC Quality Control		Memo		0.00				,				

									DQA:	Date:						
NCR: Ye	es / No				WORK ORDER NON-C	ONFORM	QA Closed:	Date:								
Work Order	<del>,</del> .				DISPOSITION		AGAINST DEPARTMENT/PROCESS									
Part No	0				Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Fab Use-as-is Thermoforming Finishing				Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier						
Root				Descri	ption of work order update	Initial	Ad	ction	Sign &							
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector					
Doc/Data																
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Other '																
Process		İ														
Supplier			1													

Landing (	Gear	General				_	_
	Bending	Bend		Grain		Ovalized	Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route		Hardware		Over/Under tolerance	Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete		Part Incorrect	Weld
	Crushed/Crimped	Burrs		Instructions Incomplete/Unclear		Part Lost/Missing	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance		Part Moved	
	Heat Treat	Countersink		Mislabeled	L	Positioned Wrong	
	Inspection Strip in Tube	Cut Too Short		Misread		Power Loss/Surge	Other
	Ripples in Bend	Drill Holes		Offset			
	Torque Waves in Extrusion	Drawing		Out of Calibration			
	Turning Sequence	Finish	Γ	Out of Sequence			

Outside Dimensions

**FAULT CATEGORY** 

Wave/Twist in Tube

Folio

Training Unapproved May-27-13 2:29:46 PM

Item ID: D3849-043 Accept \*N900040100\* Setup Start **Revision ID:** Stop Item Name: Aft Wearplate Assembly, STD Gear \*8\* Start Qty: 8.00 **Start Date:** 5/28/13 **Cust Item ID:** Req'd Qty: 8.00 Required Date: 6/03/13 **Customer:** Reference: Run Date: \_\_\_\_\_ **Tooling:** Process Plan: Approvals: Date: Stop Date: \_\_\_ SPC (Y/N): Date: Operation Tool ID Reject Set Up/ Tool # Plan Sequence ID/ Accept Reject Insp. Description Work Center ID Qty Qty **Run Hours** Code Number Stamp Identify as per dwg & Stock Location: FP-00 Z 160 x8 & Il 13/11/11 \*160\* Packaging 0.00 Memo Packaging

170

QC21- Final Inspection - Work Order Release

0.00

\*170\*

QC Quality Control

Memo

0.00

Rm 13/11/12. MK 13/1-11

												DQA:	Date:				
NCR: Y	es	/ No					WORK ORDER NON-C	O	VFORM	MANCE / UP	DATE						
	QA Closed: Date:																
Nork Orde	r:						DISPOSITION		AGAINST DEPARTMENT/PROCESS								
	_				•	l	Rework		Skid-tube Crosstube			]	Water Jet	Engineering			
Part N	o		<del></del>		<del></del>	ı	Scrap			Machining	Small Fab	_	d. Eng. Coor.	Quality			
NCR N	NCR No.						Use-as-is Thermoforming Finishing Work Order Update Large Fab Composite				~ <b>~</b>	Rec/Stor	e/Packaging Supplier	Other			
Root					Descr	rip	tion of work order update	Ī	nitial	Ac	tion	Sign &					
Cause	ı	Date	Step	Qty		OI	r Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector			
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	-	Bending			<u> </u>	—	Bend		Grain		<u> </u>	Ovalized	_	Pressure/Forced			
		Centre No	t Concer	ntric to C	D/S	_	BOM/Route	Ш	Hardwa		_	Over/Under	_	Temperature/Cure			
	-	Cracks			- 1	_	Broken/Damaged	-	1	on Incomplete		Part Incorred	<del></del>	Weld			
	-	Crushed/0	Crimped		L	-1	Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	$\overline{}$	Cuffs Contamination						Mainte			Part Moved						
·	Heat Treat Countersink					┝	Mislabe		<u> </u>	Positioned V		7					
	Inspection Strip in Tube Cut Too Short						Misread	d	, L	Power Loss/	Surge	Other					
	_	Ripples in			L	-	Drill Holes	<u></u>	Offset								
	-	Torque W			۱	⊣	Drawing	-	4	Calibration							
		Turning S				_	Finish	$\vdash$	1	Sequence							
		Wave/Tw	ist in Tub	oe e		- 1	Folio	1	Outside	Dimensions							

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Work Order ID:

102313

Parent Item:

D3849-043

Parent Item Name:

Aft Wearplate Assembly, STD Gear

**Start Date:** 5/28/13

Required Date: 6/03/13

Start Qty: 8.00

Required Qty: 8.00

**Comments:** 

IPP RevA: New issue DD verified by:EC DWG REV.D DD VERF:JLM

IPP Rev:B 12.09.11 AS PER

	DWG KEV.D DL	VERT.JUM											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>D3849-3</b> Plate		Manufactured	No			110	Each	18.0000	1	8	20-6	/3	3.11.04
0 1200	~~ <i>,</i>	B		<b>Location</b>		Loc Oty	<u>La</u>	oc Code					
B1029	tal a	×		WA001		18							
				1009	974	12							
				9916	50	6							
<b>03901-3</b> 3 Bar		Manufactured	No			110	Each	28.0000		16	me	15	<u>8-10-3</u> 0
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7		1 /		W/A001		28							

B103294 + 16

Location	Loc Oty	Loc Code
WA001	28	
100948	12	
101686	10	
99150	6	

											DQA:	Date	e:	
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Vork Orde	r:					DISPOSITION		BACK TO THE REAL PROPERTY OF THE PERTY OF TH		PROCESS				
Part No						Rework Scrap Use-as-is Work Order Update		M Therm	Machining :	Crosstube  Small Fab  Finishing composite		Water Jet J. Eng. Coor. e/Packaging Supplier	Engineerin Qualit Othe	у 🗌 📗
Root Desc						ption of work order update	Ir	nitial	Action	!	Sign &			
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	c	cracks				Broken/Damaged		Inspecti	on Incomplete	<u> </u>	Part-Incorrec	t [	Weld	
	c	crushed/0	Crimped		L	Burrs		Instruct	ions Incomplete/Uncl	lear	Part Lost/Mi	ssing	Wrong Stock	Pulled
	c	uffs			L	Contamination		Mainte	nance		Part Moved			
	Н	leat Trea	t			Countersink		Mislabe	led		Positioned W	/rong	_	
	ir	nspection	ւ Strip in	Tube		Cut Too Short		Misread	I		Power Loss/	Surge	Other	-
	Ripples in Bend Drill Holes							Offset						
	<u>_</u> T	orque W	aves in E	xtrusio	n [	Drawing		Out of (	Calibration	*				
	Т	urning Se	equence			Finish		Out of S	Sequence .					
	V	Nave/Tw	ist in Tub	oe .		Folio								

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